

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: AF-0022
Inventors: Walker et al.
Serial No.: Not Yet Assigned
Filing Date: Herewith
Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned
Title: Antifreeze Proteins for Inhibition of
Clathrate Hydrate Formation and
Reformation

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Date of Deposit October 7, 2004

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By Kathleen A. Tyrrell
Typed Name: Kathleen A. Tyrrell, Reg. No. 38,350

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R.
§§1.97-1.98, information relating to the above-identified
application is hereby disclosed. Inclusion of information in
this statement is not to be construed as an admission that this
information is material as that term is defined in 37 C.F.R.
§1.56(b).

(XX) In accordance with §1.97(b), since this Information
Disclosure Statement is being filed either within three

months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

() In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

() Certification in Accordance with §1.97(e) is attached hereto; or

() Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.

() In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I) (1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

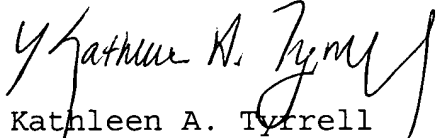
() In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____, filed _____, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,


Kathleen A. Tyrrell
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Date: October 7, 2004

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Form PTO-1449 Modified		Docket No. AF-0022	Serial No. 10/510557 Not Yet Assigned
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Walker et al.	
U.S. Department of Commerce		Filing Date Herewith	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Zeng et al., "The Inhibition of THF Clathrate Hydrate Formation by Antifreeze Protein", Proceedings of the Fourth International Conference on Gas Hydrates 2002 xp008020507 526-530	
EXAMINER		DATE CONSIDERED	

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Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. AF-0022	Serial No. 107510557 Not Yet Assigned
	Applicant Walker et al.	
	Filing Date Herewith	Group Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	BA	5,627,051	5-6-97	Duman	435	69.1
	BB	6,008,016	12-28-99	Walker et al.	435	69.1

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
	BC	WO 94/25727	10-11-94	PCT	x	

EXAMINER	DATE CONSIDERED
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